Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 23/10/2018

Lab ID	:	**CP-2018-04-09-02**
Customer	:	Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore.
Address	:	Vidyaranyapura Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads , drains and other works in at Ganesh layout area in ward No.11 Kuvempunagara.
Agency	:	Executive Engineer, KRIDL, #280, 59th Cross road, 17th 'C' Main road, 3rd 'Y' Block, Rajajinagara, Bangalore-560 010.
Customer's Reference	:	BBMP/EE/BTP/WO/137/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	18-10-2018
Sample ID No	:	2018-04-09-02 /01
Customer ID	:	PCC
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M15 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	23/10/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M15	16/10/2018	23/10/2018	150.26 X 150.30 X 150.24	22584	8.298	289.1	12.8	12.5
2	PCC	M15	16/10/2018	23/10/2018	150.32 X 150.36 X 150.40	22602	8.331	269.0	11.9	
3	PCC	M15	16/10/2018	23/10/2018	150.23 X 150.35 X 150.30	22587	8.382	286.9	12.7	

Note:
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Authorized Signatory
Quality Manager

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****End of Report****

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2018-04-09-02** **Date: 13/11/2018**
Customer	:	Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore.
Address	:	Vidyaranyapura Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads , drains and other works in at Ganesh layout area in ward No.11 Kuvempunagara.
Agency	:	Executive Engineer, KRIDL, #280, 59th Cross road, 17th 'C' Main road, 3rd 'Y' Block, Rajajinagara, Bangalore-560 010.
Customer's Reference	:	BBMP/EE/BTP/WO/137/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	18-10-2018
Sample ID No	:	2018-04-09-02 /02
Customer ID	:	PCC
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M15 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 13/11/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M15	16/10/2018	13/11/2018	150.29 X 150.39 X 150.32	22602	8.345	379.7	16.8	17.4
2	PCC	M15	16/10/2018	13/11/2018	150.24 X 150.28 X 150.31	22578	8.360	404.1	17.9	
3	PCC	M15	16/10/2018	13/11/2018	150.30 X 150.33 X 150.34	22595	8.372	395.4	17.5	

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Quality Manager

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2018-04-09-02** **Date: 23/10/2018**

Customer : Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore.

Address : Vidyaranyapura Sub Division, BBMP, Bangalore.

Project Name : Improvements to roads , drains and other works in at Ganesh layout area in ward No.11 Kuvempunagara.

Agency : Executive Engineer, KRIDL, #280, 59th Cross road, 17th 'C' Main road, 3rd 'Y' Block, Rajajinagara, Bangalore-560 010.

Customer's Reference : BBMP/EE/BTP/WO/137/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 18-10-2018

Sample ID No : 2018-04-09-02 /03

Customer ID : PCC

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M15 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 23/10/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M15	16/10/2018	23/10/2018	150.20 X 150.32 X 150.14	22578	8.276	277.7	12.3	12.5
2	PCC	M15	16/10/2018	23/10/2018	150.53 X 150.33 X 150.21	22629	8.288	289.7	12.8	
3	PCC	M15	16/10/2018	23/10/2018	150.11 X 150.53 X 150.22	22596	8.198	280.2	12.4	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2018-04-09-02** **Date: 12/11/2018**
Customer	:	Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore.
Address	:	Vidyaranyapura Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads , drains and other works in at Ganesh layout area in ward No.11 Kuvempunagara.
Agency	:	Executive Engineer, KRIDL, #280, 59th Cross road, 17th 'C' Main road, 3rd 'Y' Block, Rajajinagara, Bangalore-560 010.
Customer's Reference	:	BBMP/EE/BTP/WO/137/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	18-10-2018
Sample ID No	:	2018-04-09-02 /04
Customer ID	:	PCC
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M15 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	12/11/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M15	15/10/2018	12/11/2018	150.30 X 150.24 X 150.21	22581	8.298	390.7	17.3	17.5
2	PCC	M15	15/10/2018	12/11/2018	150.11 X 150.14 X 150.15	22538	8.256	403.4	17.9	
3	PCC	M15	15/10/2018	12/11/2018	150.13 X 150.17 X 150.19	22545	8.232	390.0	17.3	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2018-04-09-02** **Date: 23/10/2018**

Customer : Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore.

Address : Vidyaranyapura Sub Division, BBMP, Bangalore.

Project Name : Improvements to roads , drains and other works in at Ganesh layout area in ward No.11 Kuvempunagara.

Agency : Executive Engineer, KRIDL, #280, 59th Cross road, 17th 'C' Main road, 3rd 'Y' Block, Rajajinagara, Bangalore-560 010.

Customer's Reference : BBMP/EE/BTP/WO/137/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 18-10-2018

Sample ID No : 2018-04-09-02 /05

Customer ID : PCC

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M15 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 23/10/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M15	16/10/2018	23/10/2018	149.00 X 149.22 X 150.65	22235	8.454	420.0	12.5	12.6
2	PCC	M15	16/10/2018	23/10/2018	151.91 X 149.36 X 150.80	22690	8.100	408.0	12.4	
3	PCC	M15	16/10/2018	23/10/2018	151.35 X 151.13 X 151.23	22873	8.144	426.9	12.9	

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 12/11/2018

Lab ID	:	**CP-2018-04-09-02**
Customer	:	Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore.
Address	:	Vidyaranyapura Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads , drains and other works in at Ganesh layout area in ward No.11 Kuvempunagara.
Agency	:	Executive Engineer, KRIDL, #280, 59th Cross road, 17th 'C' Main road, 3rd 'Y' Block, Rajajinagara, Bangalore-560 010.
Customer's Reference	:	BBMP/EE/BTP/WO/137/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	18-10-2018
Sample ID No	:	2018-04-09-02 /06
Customer ID	:	PCC
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M15 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 12/11/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M15	15/10/2018	12/11/2018	150.40 X 150.45 X 150.31	22628	8.312	380.1	16.8	16.8
2	PCC	M15	15/10/2018	12/11/2018	150.41 X 150.33 X 150.42	22611	8.331	382.1	16.9	
3	PCC	M15	15/10/2018	12/11/2018	150.62 X 150.54 X 150.29	22674	8.345	378.7	16.7	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2018-04-09-02** **Date: 23/10/2018**
Customer	:	Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore.
Address	:	Vidyaranyapura Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads , drains and other works in at Ganesh layout area in ward No.11 Kuvempunagara.
Agency	:	Executive Engineer, KRIDL, #280, 59th Cross road, 17th 'C' Main road, 3rd 'Y' Block, Rajajinagara, Bangalore-560 010.
Customer's Reference	:	BBMP/EE/BTP/WO/137/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	18-10-2018
Sample ID No	:	2018-04-09-02 /07
Customer ID	:	PCC
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M15 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	23/10/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M15	16/10/2018	23/10/2018	151.25 X 152.11 X 150.45	23007	8.311	306.0	13.3	13.3
2	PCC	M15	16/10/2018	23/10/2018	151.42 X 151.54 X 149.45	22946	8.324	296.0	12.9	
3	PCC	M15	16/10/2018	23/10/2018	150.72 X 149.54 X 150.35	22539	8.325	308.8	13.7	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2018-04-09-02** **Date: 12/11/2018**

Customer : Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore.

Address : Vidyaranyapura Sub Division, BBMP, Bangalore.

Project Name : Improvements to roads , drains and other works in at Ganesh layout area in ward No.11 Kuvempunagara.

Agency : Executive Engineer, KRIDL, #280, 59th Cross road, 17th 'C' Main road, 3rd 'Y' Block, Rajajinagara, Bangalore-560 010.

Customer's Reference : BBMP/EE/BTP/WO/137/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 18-10-2018

Sample ID No : 2018-04-09-02 /08

Customer ID : PCC

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M15 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 12/11/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M15	15/10/2018	12/11/2018	150.30 X 150.24 X 150.21	22581	8.298	390.7	17.3	17.5
2	PCC	M15	15/10/2018	12/11/2018	150.11 X 150.14 X 150.15	22538	8.256	403.4	17.9	
3	PCC	M15	15/10/2018	12/11/2018	150.13 X 150.17 X 150.19	22545	8.232	390.0	17.3	

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Page 1/1
****End of Report****

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2018-04-09-02**

Date: 23/10/2018

Customer : Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore.

Address : Vidyaranyapura Sub Division, BBMP, Bangalore.

Project Name : Improvements to roads , drains and other works in at Ganesh layout area in ward No.11 Kuvempunagara.

Agency : Executive Engineer, KRIDL, #280, 59th Cross road, 17th 'C' Main road, 3rd 'Y' Block, Rajajinagara, Bangalore-560 010.

Customer's Reference : BBMP/EE/BTP/WO/137/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 18-10-2018

Sample ID No : 2018-04-09-02 /09

Customer ID : PCC

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M15 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 23/10/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M15	16/10/2018	23/10/2018	149.20 X 151.32 X 150.14	22577	8.276	277.7	12.3	12.5
2	PCC	M15	16/10/2018	23/10/2018	150.53 X 152.33 X 150.21	22930	8.288	293.5	12.8	
3	PCC	M15	16/10/2018	23/10/2018	151.11 X 149.53 X 151.22	22595	8.198	280.2	12.4	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2018-04-09-02** **Date: 12/11/2018**
Customer	:	Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore.
Address	:	Vidyaranyapura Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads , drains and other works in at Ganesh layout area in ward No.11 Kuvempunagara.
Agency	:	Executive Engineer, KRIDL, #280, 59th Cross road, 17th 'C' Main road, 3rd 'Y' Block, Rajajinagara, Bangalore-560 010.
Customer's Reference	:	BBMP/EE/BTP/WO/137/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	18-10-2018
Sample ID No	:	2018-04-09-02 /10
Customer ID	:	PCC
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M15 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	12/11/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M15	15/10/2018	12/11/2018	150.30 X 150.24 X 150.21	22581	8.298	381.6	16.9	17.2
2	PCC	M15	15/10/2018	12/11/2018	150.11 X 150.14 X 150.15	22538	8.256	389.9	17.3	
3	PCC	M15	15/10/2018	12/11/2018	150.13 X 150.17 X 150.19	22545	8.232	390.0	17.3	

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